ABSTRACT

FACTORS ANALYSIS INFLUENCED TO ANTIRETROVIRAL (ARV) MEDICINE CONSUMPTION ADHERENCE AMONG HIV MOTHERS BASED ON INFORMATION MOTIVATION BEHAVIORAL SKILLS (IMB) MODEL OF ANTIRETROVIRAL THERAPY (ART) ADHERENCE

Descriptive analytic study in UPIPI Polyclinic Dr. Soetomo Regional Public Hospital

By: Dessy Era Puspitasari

Introduction: Non-adherence of medication therapy was found among HIV mothers, 59% patients did not come back to take the medicine in UPIPI Polyclinic Dr. Soetomo Regional Public Hospital. The patients adherence was influenced by various factors. This study aimed to analyze factors influenced to antriretroviral (ARV) medicine consumption adherence among HIV mothers based on Information Motivation Behavioral skills (IMB) model of ART adherence. **Method:** The design of this study was descriptive analytic and cross sectional with 74 sample size of HIV mothers who were taken by using purpossive sampling technique. Independent variable of this study were information, motivation and behavioral skills. Dependent variable was ARV medicine consumption adherence among HIV mothers. Data were taken by using questionnaire and medical record then analyzed by using Logistic Regression statistic test. **Result:** The result showed that a significant influence between motivation with ARV medicine consumption adherence($p= 0.016$). There was no influence of information ($p= 0.602$) and behavioral skills ($p=0.371$) to ARV medicine consumption adherence. **Conclusion:** It can be concluded that motivation influence to ARV medicine consumption adherence among HIV mothers. This study sugests the UPIPI Polyclinic Dr. Soetomo Regional Public Hospital to arrange a health education regularly related to ART adherence and the further research can arrange new research relates to this study with other factors such as the role of taking in medicine caretaker and support group with larger research area and bigger sample size.

Keywords: HIV mothers, information, motivation, behavioral skills